

TABLE 14

**Match rates for sex, by field**

(Percent and p value)

Broad field name	Match rate		Difference in match rate	p value
	Female	Male		
Biological sciences	44.39	45.83	-1.44	0.21
Computer sciences	37.98	47.27	-9.29***	0.01
Engineering	43.49	45.66	-2.17*	0.10
Fields, not elsewhere classified	21.36	13.92	7.44**	0.02
Health	33.49	38.98	-5.49**	0.02
Mathematics and statistics	41.61	48.24	-6.63**	0.02
Physical sciences and geosciences	56.52	55.99	0.53	0.73
Psychology	29.45	33.07	-3.62	0.14
Social sciences	18.35	18.23	0.12	0.86

\*  $p < 0.1$ ; \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$ .

AY = academic year; SED = Survey of Earned Doctorates; UMETRICS = Universities: Measuring the Impacts of Research on Innovation, Competitiveness, and Science.

**Note(s):**

This table represents matches after applying the five filtering steps. There are a few matches who did not have a reported gender in the SED, they were assigned the gender male for this analysis.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Earned Doctorates, AYs 2014–17; Institute for Research on Innovation and Science, UMETRICS, 2020 release data.